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1-19-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yoko IKEDA *et al.*

Serial No.: 09/452,149

Filed: 1 December 1999

For: INSPECTING METHOD, INSPECTING SYSTEM, AND  
METHOD FOR MANUFACTURING ELECTRONIC DEVICES

Art Unit: 2623

Examiner: Virginia M. Kibler

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Technology Center 2600

LETTER TO THE OFFICIAL DRAFTSPERSON

Honorable Commissioner for Patents  
Washington, D.C. 20231

13 January 2003

Sir:

Attached hereto are sixteen (16) sheets of FORMAL drawings for Figures 1-16, including correction to Figure 2 as proposed in the submission of 9 June 2000 in the above-identified application and as approved by the Examiner.

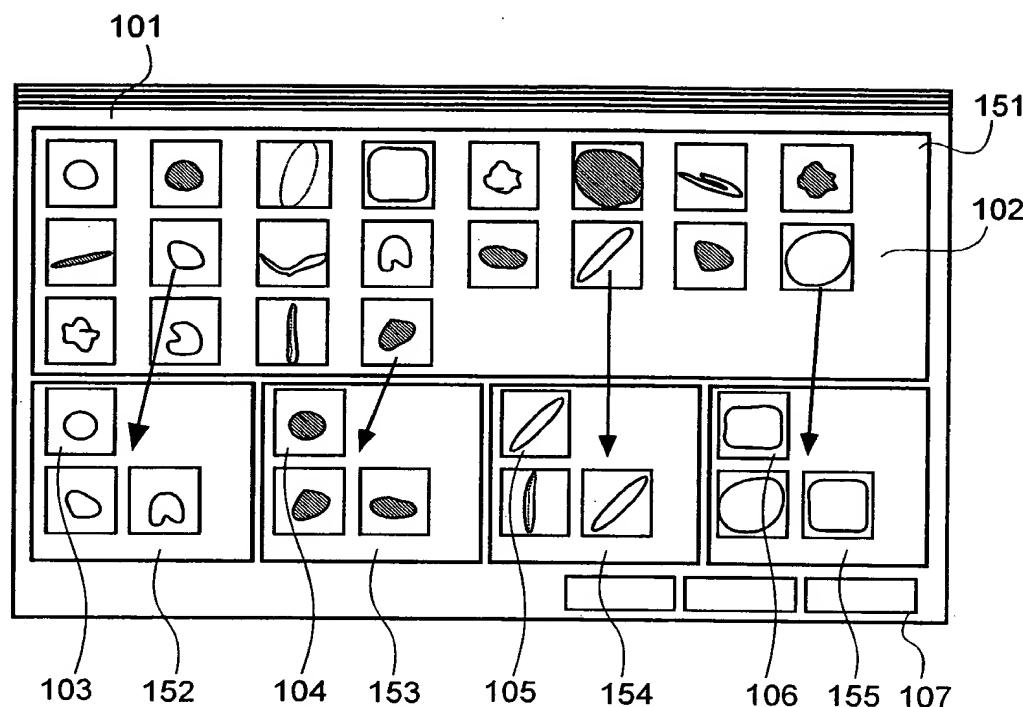
Approval and entry of the attached formal drawings are courteously solicited.

Respectfully submitted,

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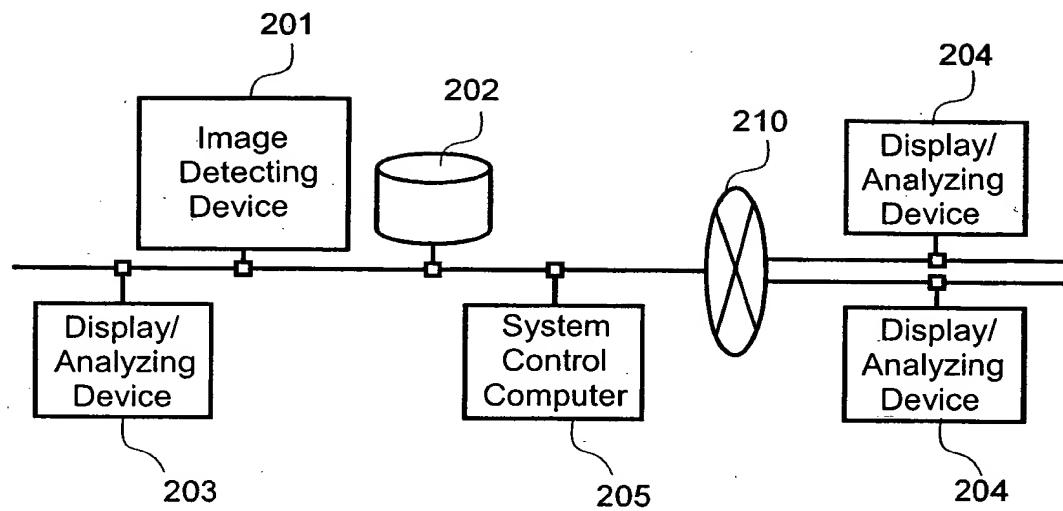


# FIG.1



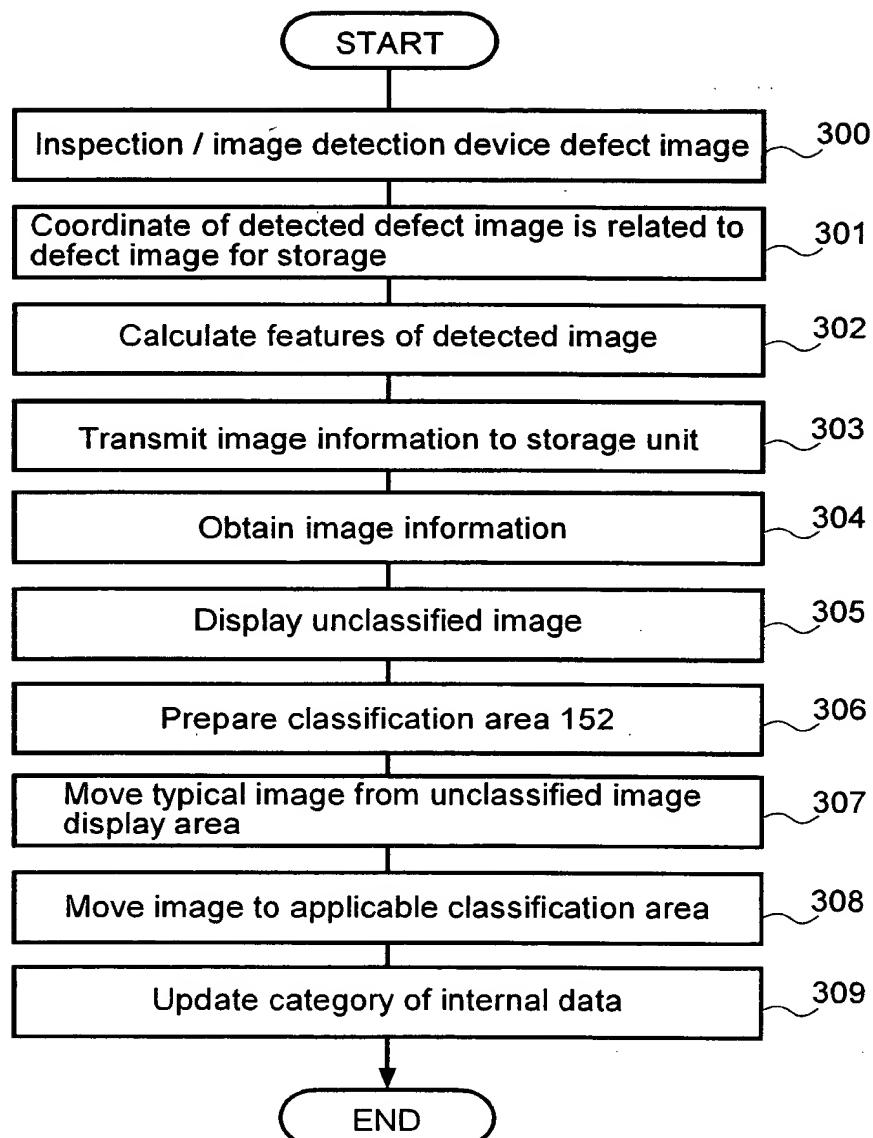


## FIG.2





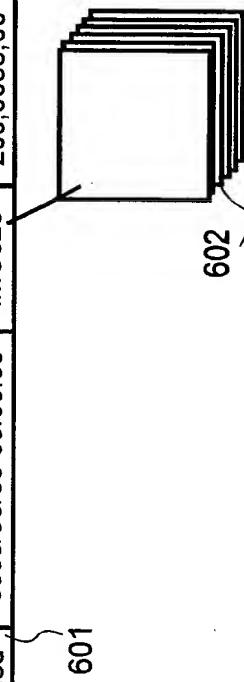
## FIG.3





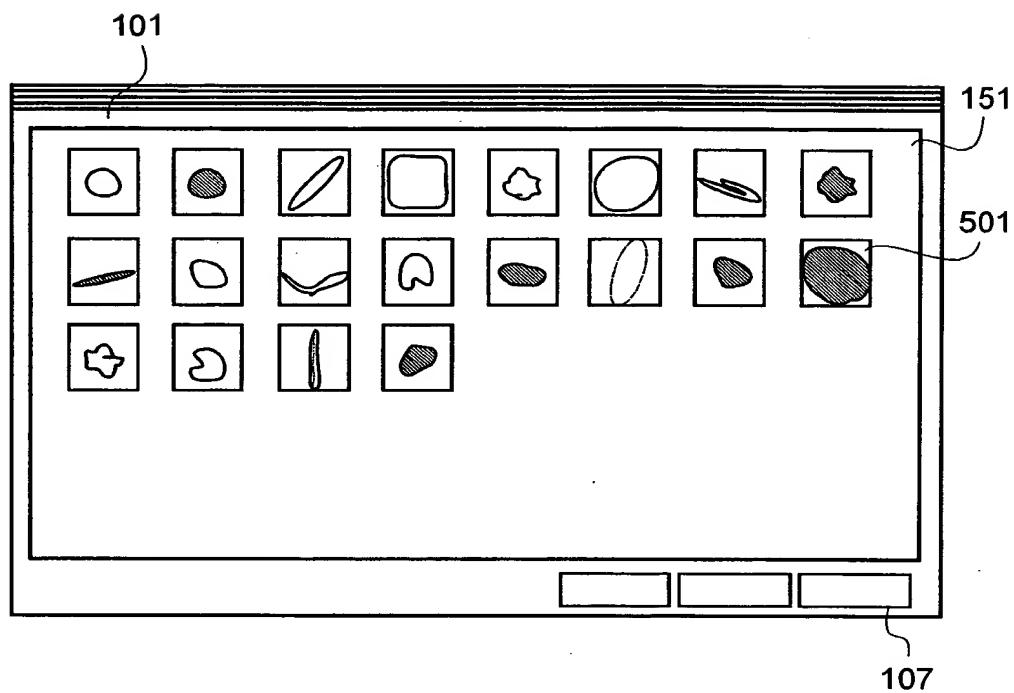
**FIG.4**

Defect number	Coordinate X	Coordinate Y	Classification category	Operating data and time	Image name	Features
00001	10	10	Unclassified	0000/00/00 00:00:00	IMG001	000,0030,00
00002	10	30	Unclassified	0000/00/00 00:00:00	IMG002	250,0030,00
00003	00	50	Unclassified	0000/00/00 00:00:00	IMG003	000,0050,01
00004	00	70	Unclassified	0000/00/00 00:00:00	IMG004	000,0700,00
00005	00	90	Unclassified	0000/00/00 00:00:00	IMG005	000,0040,00
00006	50	10	Unclassified	0000/00/00 00:00:00	IMG006	000,1000,00
00007	50	30	Unclassified	0000/00/00 00:00:00	IMG007	000,0500,01
00008	50	50	Unclassified	0000/00/00 00:00:00	IMG008	230,0050,00
00009	50	70	Unclassified	0000/00/00 00:00:00	IMG009	245,0040,01
00010	50	90	Unclassified	0000/00/00 00:00:00	IMG010	010,0035,00
00011	100	10	Unclassified	0000/00/00 00:00:00	IMG011	005,0055,01
00012	100	30	Unclassified	0000/00/00 00:00:00	IMG012	020,0060,00
00013	100	50	Unclassified	0000/00/00 00:00:00	IMG013	200,0030,00
00014	100	70	Unclassified	0000/00/00 00:00:00	IMG014	150,0300,01
00015	100	90	Unclassified	0000/00/00 00:00:00	IMG015	190,0045,00
00016	150	10	Unclassified	0000/00/00 00:00:00	IMG016	220,1200,00
00017	150	30	Unclassified	0000/00/00 00:00:00	IMG017	000,0035,00
00018	150	50	Unclassified	0000/00/00 00:00:00	IMG018	010,0045,00
00019	150	70	Unclassified	0000/00/00 00:00:00	IMG019	150,0020,01
00020	150	90	Unclassified	0000/00/00 00:00:00	IMG020	200,0035,00





## FIG.5

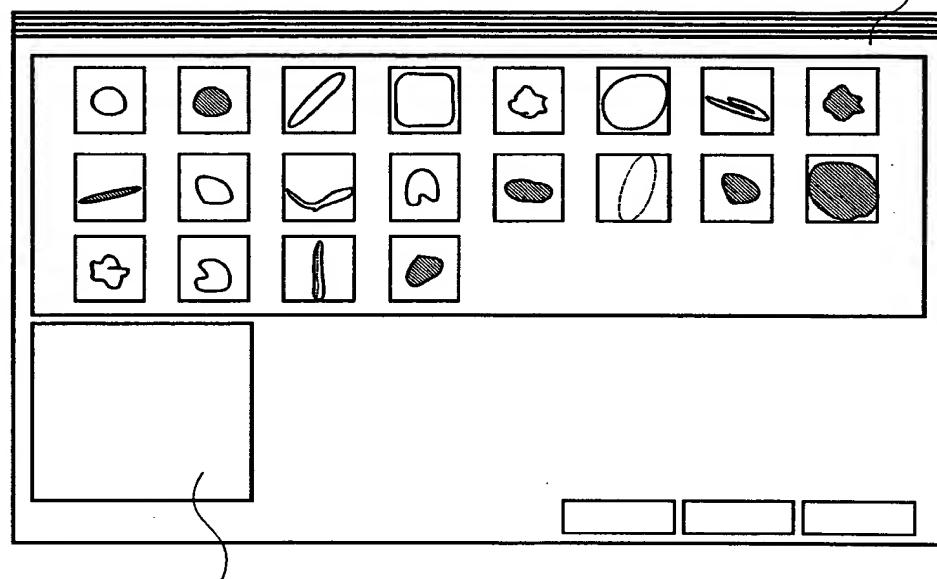




## FIG.6

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(a)



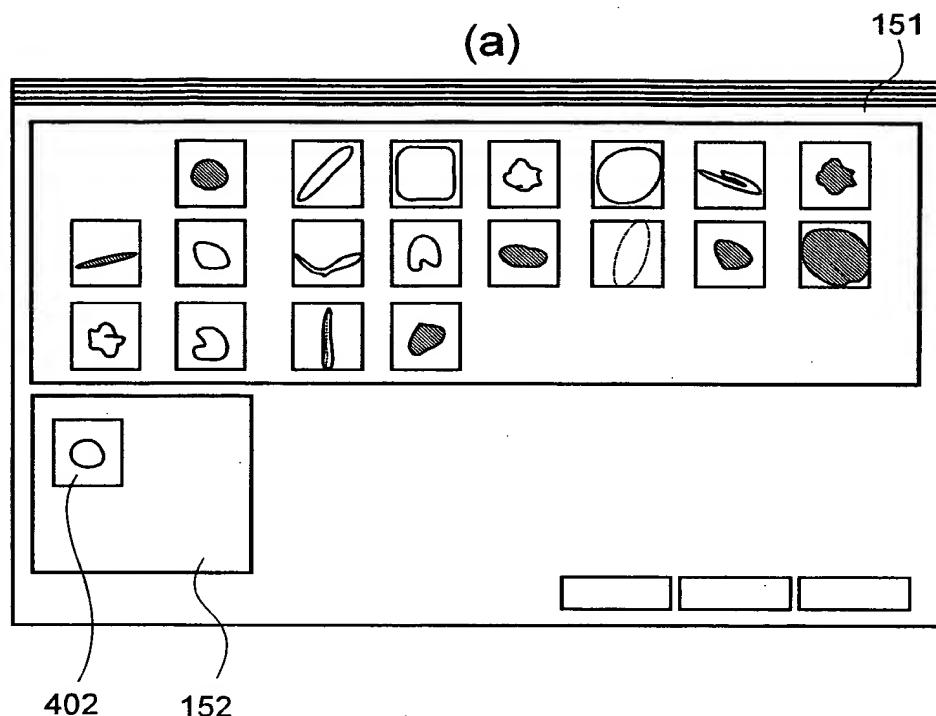
152

(b)

Category name	Area coordinate	Attached image
Unclassified	(000010,000020) (000150,000400)	IMG001,IMG002.....
White	(000160,000020) (000220,000100)	



# FIG.7



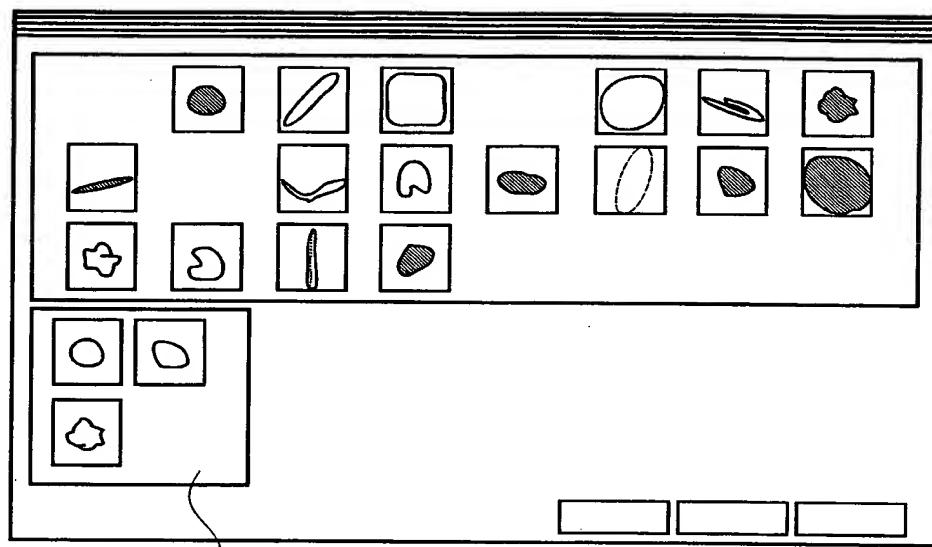
(b)

Category name	Area coordinate	Attached image
Unclassified	(000010,000020) (000150,000400)	IMG002,IMG003.....
White	(000160,000020) (000220,000100)	IMG001



## FIG.8

(a)



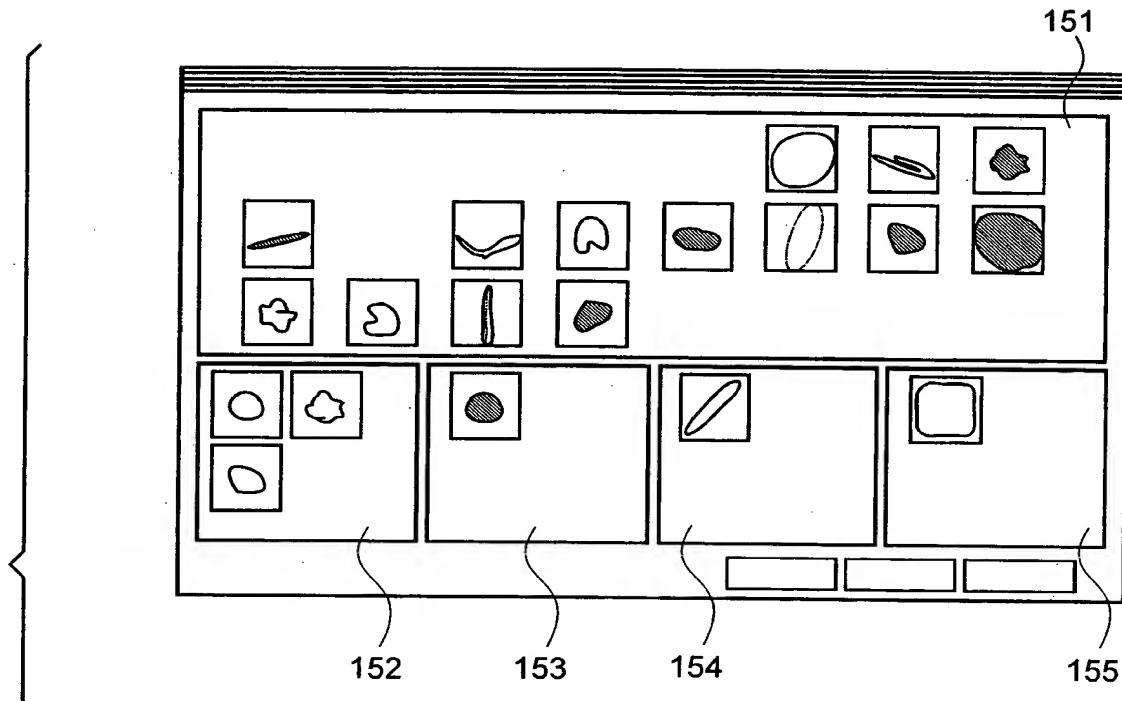
152

(b)

Category name	Area coordinate	Attached image
Unclassified	(000010,000020) (000150,000400)	IMG002,IMG003.....
White	(000160,000020) (000220,000100)	IMG001,IMG005,IMG010



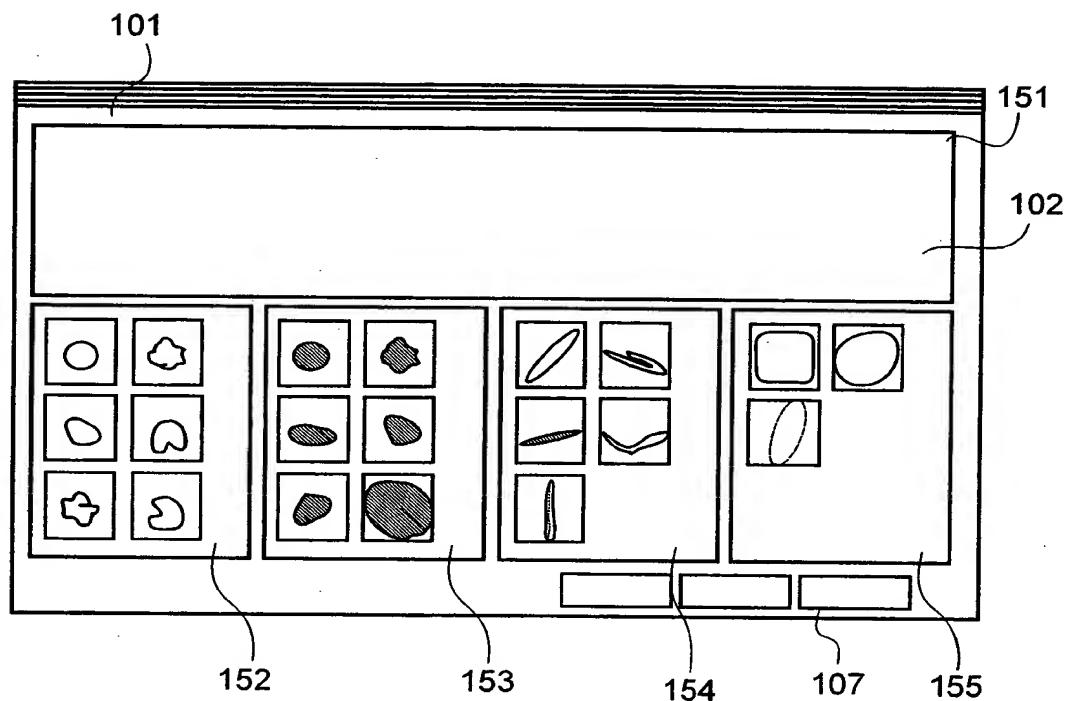
## FIG.9



Category name	Area coordinate	Attached image
Unclassified	(000010,000020) (000150,000400)	IMG006,IMG007.....
White	(000160,000020) (000220,000100)	IMG001,IMG005,IMG010
Black	(000160,000120) (000220,000200)	IMG002
Elongated	(000160,000220) (000220,000300)	IMG003
Large	(000160,000320) (000220,000400)	IMG004



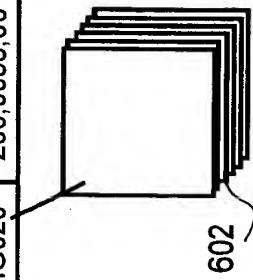
## FIG.10





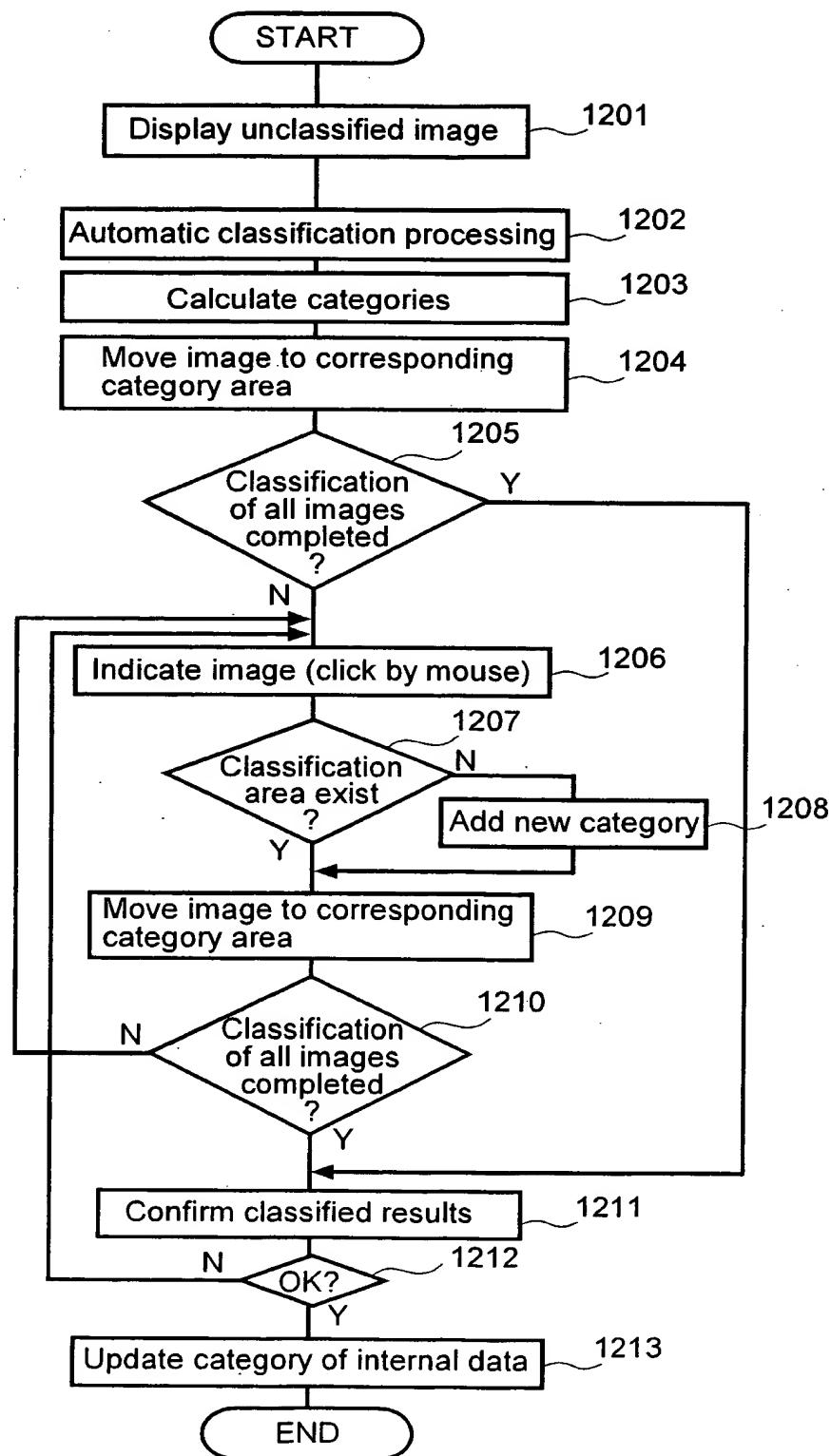
**FIG. 11**

Defect number	Coordinate X	Coordinate Y	Classification category	Operating data and time	Image name	Features
00001	10	10	White	1997/01/01 00:00:01	IMG001	000,0030,00
00002	10	30	Black	1997/01/01 00:00:02	IMG002	250,0030,00
00003	10	50	Elongated	1997/01/01 00:00:03	IMG003	000,0050,01
00004	10	70	Large	1997/01/01 00:00:04	IMG004	000,0700,00
00005	10	90	White	1997/01/01 00:00:05	IMG005	000,0040,00
00006	50	10	Large	1997/01/01 00:00:06	IMG006	000,1000,00
00007	50	30	Elongated	1997/01/01 00:00:07	IMG007	000,0500,01
00008	50	50	Black	1997/01/01 00:00:08	IMG008	230,0050,00
00009	50	70	Elongated	1997/01/01 00:00:09	IMG009	245,0040,01
00010	50	90	White	1997/01/01 00:00:10	IMG010	010,0035,00
00011	100	10	Elongated	1997/01/01 00:00:11	IMG011	005,0055,01
00012	100	30	White	1997/01/01 00:00:12	IMG012	020,0060,00
00013	100	50	Black	1997/01/01 00:00:13	IMG013	200,0030,00
00014	100	70	Large	1997/01/01 00:00:14	IMG014	150,0300,01
00015	100	90	Black	1997/01/01 00:00:15	IMG015	190,0045,00
00016	150	10	Black	1997/01/01 00:00:16	IMG016	220,1200,00
00017	150	30	White	1997/01/01 00:00:17	IMG017	000,0035,00
00018	150	50	White	1997/01/01 00:00:18	IMG018	010,0045,00
00019	150	70	Elongated	1997/01/01 00:00:19	IMG019	150,0020,01
00020	150	90	Black	1997/01/01 00:00:20	IMG020	200,0035,00



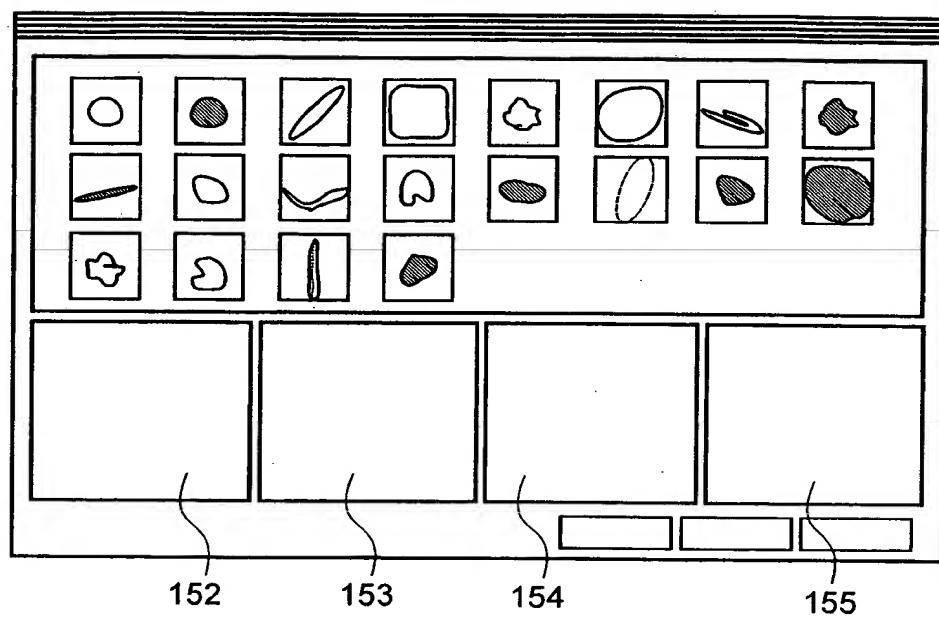


**FIG.12**



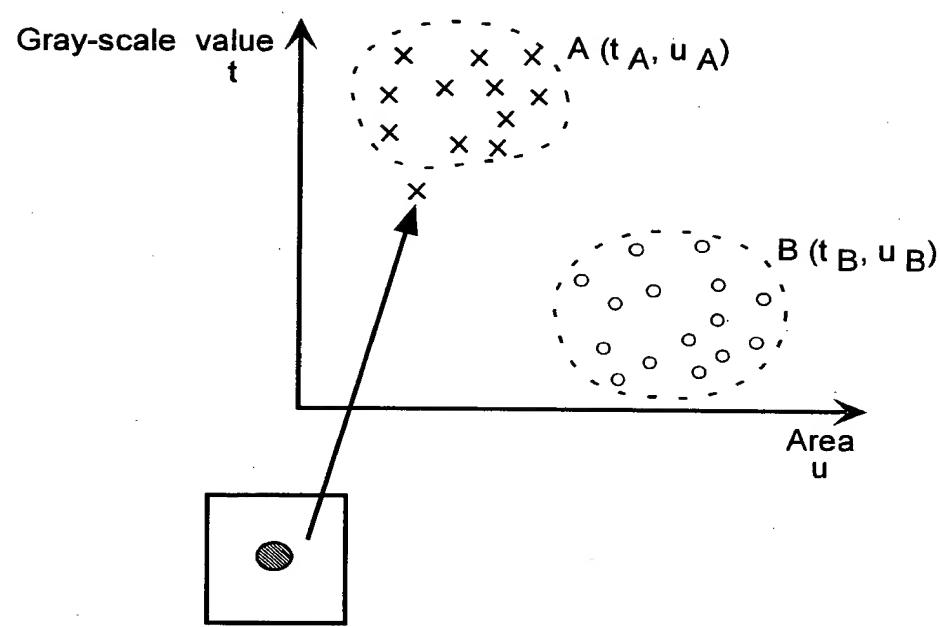


**FIG.13**



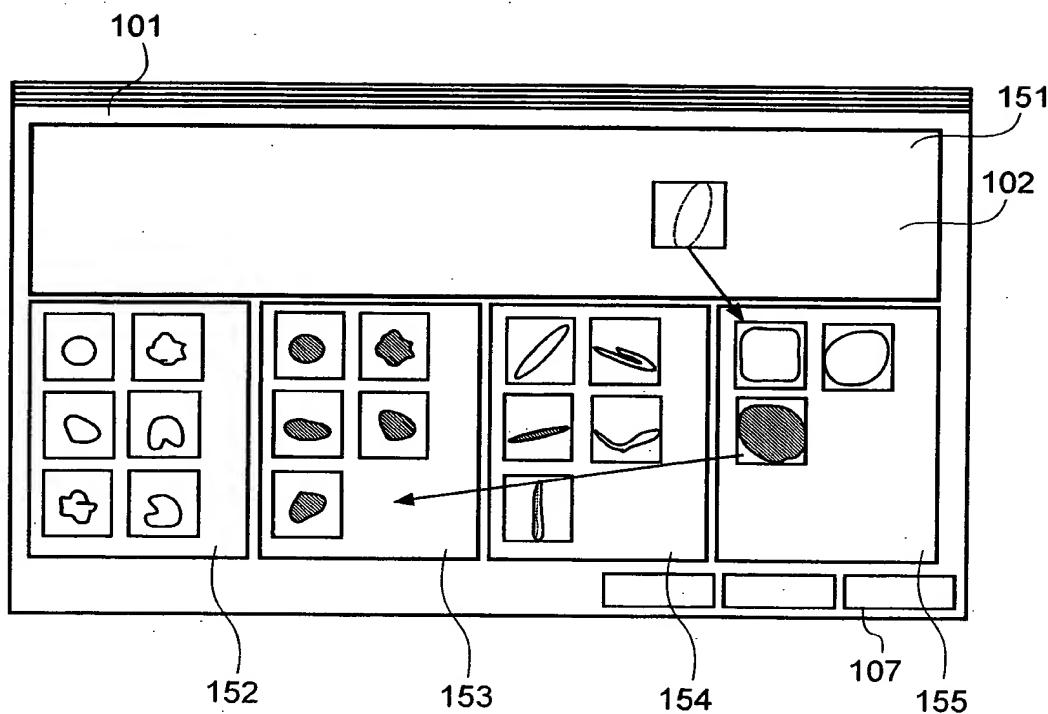


**FIG.14**





# FIG.15





## FIG.16

